## **EAST Search History**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8983	(estimat\$3 or comput\$5 or calculat\$3 or determin\$3 or averag\$3) near4 (BER or (bit error rate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/04 14:18
L2	9637	(estimat\$3 or comput\$5 or calculat\$3 or determin\$3 or averag\$3) near4 (BER or (bit error rate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:19
L3	314977	(plural\$3 or multiple or many or two) near8 ("look up" or "lookup" or table)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:20
L4	671	quantiz\$3 with I3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:20
L5	20406	(summing or summation or summed or add or adding or addition or accumulating or accumulated or accumulate) near4 (scale or sacling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:24
L6	0	(I1 or I2) same I4 same I5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:24
L7	0	(I1 or I2) and I4 and I5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:24

L8	0	(I1 or I2) same I3 same I5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:25
L9	163	(I1 or I2) and I3 and I5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:26
L10	0	(I1 or I2) same I3 same quantiz\$3 same I5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:26
L11	0	((I1 or I2) same I3 same quantiz\$3) and I5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:27
L12	0	(I1 or I2) and (I3 same quantiz\$3) and I5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:27
L13	161	(I1 or I2) and (I3 and quantiz\$3) and I5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:27
L14	9294	(soft or turbo or iterati\$3) near2 decod\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:28
L15	0	(19 or 113) and 114	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:28
L16	1	l14 same (I1 or I2) same I4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:29
L17	1	l14 and (I1 or I2) and I4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:29

L18	1	I14 same (I1 or I2) same I3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:30
L19	65	I14 and (I1 or I2) and I3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:30
L20	38	114 and (11 or 12) and 13	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:40
L21	19	I14 and (I1 or I2) and I3 and quantiz \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:41
L22	220	(I1 or I2) and I3 and quantiz\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:50
L23	2	((I1 or I2) and I3 and quantiz\$3). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/04 14:50
S1	61140	(plural\$3 or multiple or many or two) near3 ("look up" or table)	USPAT	ADJ	OFF	2009/06/03 15:17
S2	42	S1 near7 ("soft output" or "soft value" or soft)	USPAT	ADJ	OFF	2009/06/03 15:19
S3	74	S1 with ("soft output" or "soft value" or soft)	USPAT	ADJ	OFF	2009/06/03 15:19
S4	12	S1 with (BER or "bit error rate")	USPAT	ADJ	OFF	2009/06/03 15:20
<b>S</b> 5	88	S1 same (BER or "bit error rate")	USPAT	ADJ	OFF	2009/06/03 15:20
<b>S</b> 6	90991	(plural\$3 or multiple or many or two) near3 ("look up" or table)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:20

S7	59	S6 near7 ("soft output" or "soft value" or soft)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:21
<b>S</b> 8	117	S6 with ("soft output" or "soft value" or soft)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:21
S9	211	S6 with (BER or "bit error rate")	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:21
S10	1487	S6 same (BER or "bit error rate")	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:22
S1 1	13531	(summing or summation or add or adding or addition) near4 (scale or scaling)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:24
S12	0	(S8 or S9 or S10) same quantiz\$3 same S11	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:26
S13	0	(S8 or S9 or S10) same quantiz\$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:26
S14	51	(S8 or S9 or S10) and quantiz\$3 and S11	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:27
S15	0	(S1 or S6) with ("soft output" or "soft value" or soft) with quantiz \$3 with (ber or "bit error rate") with II	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:29
S16	0	(S1 or S6) same ("soft output" or "soft value" or soft) same quantiz \$3 same (ber or "bit error rate") with II	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:29

S17	1056	sova or "soft output viterbi algorithm"	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:30
S18	0	S17 with (S1 or S6) with II	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:31
S19	0	S17 same (S1 or S6) same II	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:31
S20	0	(S17 same (S1 or S6)) and II	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:31
S21	0	(S17 same (S1 or S6))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:32
S22	20	(S17 and (S1 or S6))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:32
S23	6	S17 same "look up"	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:33
S24	3	((soft or turbo or iterati\$3) near2 decod\$3) with (S1 or S6)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:34
S25	10	((soft or turbo or iterati\$3) near2 decod\$3) same (S1 or S6)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:35
S26	78	((soft or turbo or iterati\$3) near2 decod\$3) and (S1 or S6) and (ber or "bit error rate")	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:35
\$27	10	((soft or turbo or iterati\$3) near2 decod\$3) and (S1 or S6) and (ber or "bit error rate") and quantiz\$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:36

S28	14	S6 near6 likelihood	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:45
S29	52	S6 with likelihood	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:45
S30	212	S6 same likelihood	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:45
S31	0	S17 same (S29 or S30)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:46
S32	0	S17 and (S29 or S30)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:46
S33	1	((soft or turbo or iterati\$3) near2 decod\$3) same (S29 or S30)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:47
S34	144	(((soft or turbo or iterati\$3) near2 decod\$3) or S17) same quantiz\$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:50
S35	3	S34 same (table near4 (BER or "bit error rate" or likelihood or soft))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:51
S36	10	S34 and (table near4 (BER or "bit error rate" or likelihood or soft))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2009/06/03 15:54

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